



## TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and §22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

<b>Title V Permit Number</b>	130-0050-TV
<b>Client/Sequence/Town/Premises Numbers</b>	1672/1/130/6
<b>Date Issued</b>	October 26, 2002
<b>Expiration Date</b>	October 26, 2007

**Corporation:**

Kimberly-Clark Corporation, New Milford Mill

**Premises location:**

58 Pickett District Road, New Milford, CT 06776-4493

**Name of Responsible Official and Title:**

Richard F. Craig, Mill Manager

All the following attached pages, 2 through 38, are hereby incorporated by reference into this Title V Operating Permit.

JANE K. STAHL  
Arthur J. Rocque, Jr.  
Commissioner

October 26, 2002  
Date

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## **LIST OF ACRONYMS**

<b><i>Acronym</i></b>	<b><i>Description</i></b>
acfm	Actual cubic feet per minute
ASC	Actual Stack Concentration
BACT	Best Available Control Technology
BAM	Bureau of Air Management
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CP/OP	Construction Permit/Operating Permit
CTG	Control Technology Guideline
DEP	Department of Environmental Protection
dscf	Dry standard cubic feet
dscm	Dry standard cubic meters
EU	Emission Unit
ERC	Emission Reduction Credit
EPA	Environmental Protection Agency
FLER	Full load emission rate
GEU	Grouped Emission Unit
GPEE	General Permit to Construct and/or Operate a New or Existing Emergency Engine
gph	Gallons per hour
gpm	Gallons per minute
HAP	Hazardous Air Pollutant
HLV	Hazard Limiting Value
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MASC	Maximum Allowable Stack Concentration
MSDS	Material Safety Data Sheet
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO <sub>x</sub>	Nitrogen Oxides
NSR	New Source Review
PM10	Particulate Matter, < 10 microns in size
ppmv	Parts per million, volumetric basis
PTE	Potential to Emit
RACT	Reasonably Available Control Technology
RCSA	Regulations of Connecticut State Agencies
RMP	Risk Management Plan
SIC	Source Identification Code
SIP	State Implementation Plan
SO <sub>x</sub>	Sulfur Oxides
TOC	Total Organic Carbon
tph	Tons per hour
tpy	Tons per year
TSP	Total Suspended Particulate
VOC	Volatile Organic Compound

## **Title V Operating Permit**

**All conditions in Sections III through VII of this permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III through VII of this permit in accordance with the Clean Air Act (CAA), as amended.**

## **Section I: Premises Information and Description**

### **A. PREMISES INFORMATION**

Nature of Business: Consumer Products Manufacturing  
Primary SIC: 2621 Paper Mill

Facility Mailing Address: Kimberly-Clark, New Milford Mill  
58 Pickett District Road  
New Milford, Connecticut 06776-4493

Telephone Number: (860) 355-6689

### **B. PREMISES DESCRIPTION**

The Kimberly-Clark Corporation New Milford Mill is a consumer product manufacturing and converting facility and also serves as the northeast distribution center of Kimberly-Clark products. The mill Employee Team produces family care products and disposable diapers. Air emission sources at the facility include boilers; tissue manufacturing equipment; tissue and diaper converting equipment; diesel fire pumps and emergency generators; fuel storage tanks; cold cleaner maintenance parts washers; raw water and process wastewater treatment facilities.

## Section II: Emissions Units Information

### A. EMISSIONS UNITS IDENTIFICATION: STANDARD OPERATING SCENARIO (SOS) AND ALTERNATIVE OPERATING SCENARIOS (AOS)

Emission units are set forth in Table II.A.1.

TABLE II.A.1: EMISSION UNIT DESCRIPTION			
Emission Units	Emission Unit Description	Control Unit Description	Permit (P), Order (O), or Registration (R) Number*
EU 1	Boiler #1: Babcock & Wilcox, 75.3 MMBtu/h Boiler	Oxygen Trim	R-130-0017 O-7004
EU 2	Boiler #2: Babcock & Wilcox, 45.0 MMBtu/h Boiler	None	R-130-0018 O-7004
EU 3	Boiler #3: Babcock & Wilcox, 70.2 MMBtu/h Boiler	Oxygen Trim, Flue Gas Recirculation	R-130-0019 O-7004
EU 4a	Tissue Machine #1, hood burners	None	P-130-0026
EU 4b	Tissue Machine #1, tissue manufacturing	1 wet scrubber, 2 drum filters, 1 cyclone (not in series)	None
EU 5a	Tissue Machine #2, hood burners	None	P-130-0014
EU 5b	Tissue Machine #2, tissue manufacturing	1 wet scrubber, 2 drum filters, 1 cyclone (not in series)	None
EU 6	Diaper Machine #1	Drum filters	R-130-0062
EU 7	Diaper Machine #2	Drum filters	R-130-0063
EU 8	Diaper Machine #3	Drum filters	R-130-0064
EU 9	Diaper Machine #4	Drum filters	R-130-0065
EU 10	Diaper Machine #5	Drum filters	None
EU 11	Diaper Machine #6	Drum filters	None
EU 12	Diaper Machine #7	Drum filters	None
EU 13	Multifolder #1	Drum filters	None
EU 14	Multifolder #2	Drum filters	None
EU 15	Towel Printer/Winder	None	None
EU 16	Off-Line Printer/Winder #1	Wet Scrubber	P-130-0033
EU 17	<del>Off-Line Printer/Winder #2 (removed)</del>	None	P-130-0033
EU 18	Pocket Pack Line	None	None
EU 19	<del>Feminine Hygiene Line #1 (removed)</del>	None	R-130-0066
EU 20	Marsh Ink Printing Operations	None	None
EU 21	Video Jet Ink Printing Operations	None	None
EU 22	<del>Ink Jet Printing Operations (removed)</del>	None	None
EU 23	Fuel Oil Tank #1	None	None
EU 24	<del>Fuel Oil Tank #2 (removed)</del>	None	None
EU 25	<del>Fuel Oil Tank #3 (removed)</del>	None	None
EU 26	<del>Fuel Oil Tank #4 (removed)</del>	None	None
EU 27	Diesel Fuel Tank	None	None
EU 28	<del>Propane Storage Tank #1 (removed)</del>	None	None
EU 29	<del>Propane Storage Tank #2 (removed)</del>	None	None
EU 30	Propane Storage Tank, 1000 gallon	None	None
EU 31	Fire Pump #1	None	None
EU 32	Fire Pump #2	None	None
EU 33	Emergency Generator #1	None	None
EU 34	Emergency Generator #2	None	None
EU 35	Cold Cleaner Maintenance Parts Washers	None	None
EU 36	Raw Water Treatment Plant-Chemicals Used	None	O-8190
EU 37	Effluent Treatment Plant Chemicals Used	None	O-8190
EU 38	Fire Pump #3	None	None
EU 39	Boiler for Fire Protection Water Bed	None	None
EU 40	Emergency Generator for Fire Protection Water Bed	None	None

## Section II: Emissions Units Information

TABLE II.A.1: EMISSION UNIT DESCRIPTION (cont'd)			
Emission Units	Emission Unit Description	Control Unit Description	Permit (P), Order (O), or Registration (R) Number*
<b>Grouped Emission Units</b>			
<b>GEU 1</b>	EU 1-3	As above	As above
<b>GEU 2</b>	EU 4b, 5b	As above	As above
<b>GEU 3</b>	EU 6-12	As above	As above
<b>GEU 4</b>	EU 13, 14, 18	As above	As above
<b>GEU 5</b>	EU 36, 37	As above	As above

\* It is not intended to incorporate by reference these NSR Permits, Orders, or Registrations into this Title V permit.

The Permittee shall be allowed to operate under the following scenarios without notifying the commissioner, provided that such operations are explicitly provided for and described in the table below. The Permittee shall record contemporaneously with the operation of emission units, the operating scenario under which each emissions unit is operating in a log to be kept at the subject premises.

TABLE II.A.2: EMISSIONS UNIT IDENTIFICATION, SOS AND AOS		
Identification of Operating Scenarios	Emissions Unit(s) Associated with the Scenarios	Description of Scenarios
SOS-1	All units included in this standard operating scenario	EU 1,3,4a,5a firing natural gas, EU 2 firing #2 fuel oil with $\leq 0.3\%$ sulfur by weight
AOS-1 <sup>1</sup>	EU 1-3	EU 1,3 firing #2 fuel oil, $\leq 0.3\%$ sulfur by weight or #6 fuel oil $\leq 1\%$ sulfur by weight. EU 2 firing #6 fuel oil $\leq 1\%$ sulfur by weight.
AOS-2	EU 4a, 5a	Firing propane
AOS-3 <sup>1</sup>	EU 4a, 5a	Firing #2 fuel oil, $\leq 0.3\%$ by weight

<sup>1</sup> – The use of #6 fuel oil in EU 1-3 and the use of #2 oil in EU 4a,5a is subject to prior stack testing to demonstrate compliance with §22a-174-22 Control of Nitrogen Oxides Emissions.

### Section III: Applicable Requirements and Compliance Demonstration

The following tables contain terms and conditions for the operation of each identified Emission Unit and Operating Scenario regulated by this permit.

#### A. GEU 1 (EU 1-3), BOILERS

Table III.A.: GEU 1				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1 AOS-1	NO <sub>x</sub>	EU 1-3 ≤ 0.2 #/MMBtu	§22a-174-22(e)	A.1.
AOS-1	Fuel sulfur content	#2 oil ≤ 0.3% sulfur by weight #6 oil ≤ 1% sulfur by weight	CGS 16a-21a §22a-174-19(a)(2)(i)	A.2.
AOS-1	Steam output	When firing #6 fuel oil with a sulfur content > 0.5% the following limitations apply:  EU 1,2 and 3 operating: ≤ 104,000 lb/h, 3-hour block average EU 1,3 operating: ≤ 113,400 lb/h, 3-hour block average EU 1,2 or EU 2,3 operating: ≤ 113,400 lb/h, 3-hour block average, only when EU 3 or EU 1 is unavailable and on a temporary basis	O-7004	A.3.
AOS-1	#6 fuel oil usage	Use of #6 fuel oil in EU 1-3 is subject to prior stack testing to determine compliance with §22a-174-22 Control of NO <sub>x</sub> Emissions	§22a-174-22	---

#### Emissions

A.1. The Permittee shall demonstrate compliance with the NO<sub>x</sub> emission limitations in Table III.A. based on the following requirements.

##### A.1.a. *Monitoring and Testing Requirements*

- i. The Permittee shall conduct emissions tests at least once every five years. Such tests shall be conducted no later than five years from the date of the last test for the subject unit or no later than five years from the date the last test for the subject unit should have been conducted, whichever is earlier. Compliance with the emission limitations shall be determined based on the average of three (3) one-hour tests, each performed over a consecutive 60-minute period and performed in accordance with §22a-174-5 of the RCSA. [RCSA §22a-174-22(k)(1)]
- ii. Demonstrate compliance with emission limitations of this section using sampling and analytical procedures approved under 40 CFR Part 60, Appendix A, or under procedures in §22a-174-5(d) of the RCSA. Sampling shall be conducted when the source is at normal operating temperature and, unless allowed otherwise by the commissioner in a permit or order, is operating at or above ninety percent (90%) of maximum rated capacity for a fuel-burning source or at or above ninety percent (90%) of design capacity for a waste combustor. Notwithstanding such requirement, any source which has operated in excess of one hundred percent (100%) of its maximum rated capacity at any time since January 1, 1990 shall be tested when the source is operating at or above ninety percent (90%) of its highest operating rate since January 1, 1990. [RCSA §22a-174-22(k)(2)]



### **Section III: Applicable Requirements and Compliance Demonstration**

#### **A.1.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of all tune-ups, repairs, replacement of parts and other maintenance. [RCSA §22a-174-22(l)(1)(D)]
- ii. Copies of all documents submitted to the commissioner pursuant to this section. [RCSA §22a-174-22(l)(1)(E)]
- iii. Procedures for calculating NO<sub>x</sub> emission rates. [RCSA §22a-174-22(l)(1)(G)]
- iv. Records of the dates and times of all emission testing required by this section, the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing. [RCSA §22a-174-22(l)(1)(H)]

#### **A.1.c. *Reporting Requirements***

- i. Provide the records specified in Section III.A.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]
- ii. Within thirty (30) days of the completion of emission tests, submit a written report of the results of such testing to the commissioner. [RCSA §22a-174-22(l)(2)]
- iii. On or before April 15 of each year, submit a report on NO<sub>x</sub> emissions from the source on forms provided by the commissioner. [RCSA §22a-174-22(l)(6)]

A.2. The Permittee shall demonstrate compliance with the fuel sulfur limitations in Table III.A. based on the following requirements.

#### **A.2.a. *Monitoring and Testing Requirements***

- i. Verify fuel sulfur content for each shipment. [RCSA §22a-174-19(a)(5)]
- ii. Fuel analysis for the sulfur content of liquid fuels shall be done according to the most current ASTM Methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

#### **A.2.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification of the sulfur content for each fuel shipment. [RCSA §22a-174-19(a)(5)]

#### **A.2.c. *Reporting Requirements***

- i. Provide the records specified in Section III.A.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### **Parameters**

A.3. When firing #6 fuel oil with a sulfur content > 0.5%, the steam output shall not exceed the limitations stated in Table III.A. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

### Section III: Applicable Requirements and Compliance Demonstration

#### A.3.a. Monitoring and Testing Requirements

- i. Steam output limitations shall be verified using steam flow metering devices on each unit. Compliance shall be demonstrated based on a 3-hour block average. [SO-7004]

#### A.3.b. Record Keeping Requirements

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of steam output, fuel consumption and operating hours shall be made daily. [RCSA §22a-174-33(j)(1)(K) and SO-7004]

#### A.3.c. Reporting Requirements

- i. On a daily basis, review data recorded and calculated for that day and report to the commissioner within two (2) working days any exceedences of a permit limit. [Section VII.I.]
- ii. Provide the records specified in Section III.A.4.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### B. EU 4a, TISSUE MACHINE #1 HOOD BURNERS

Table III.B.: EU 4a				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	Annual Fuel Usage	$\leq 261.9 \text{ MMft}^3$	P-130-0026	B.1.
	PM <sub>10</sub>	Emission factors: 5.00e-3 #/MMBtu, 1.50e-1 #/h		--
	SO <sub>x</sub>	Emission factors: 6.00e-4 #/MMBtu, 1.80e-2 #/h		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 4.19 #/h	P-130-0026 §22a-174-22(e)	B.2.
	VOC	Emission factors: 5.80e-3 #/MMBtu, 1.74e-1 #/h	P-130-0026	--
	CO	Emission factors: 3.50e-2 #/MMBtu, 1.05 #/h		--
AOS-2	Annual Fuel Usage	$\leq 2.8 \text{ MMgal}$	P-130-0026	B.1.
	PM <sub>10</sub>	Emission factors: 4.95e-3 #/MMBtu, 1.48e-1 #/h		--
	SO <sub>x</sub>	Emission factors: 9.44e-4 #/MMBtu, 2.83e-2 #/h		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 4.20 #/h	P-130-0026 §22a-174-22(e)	B.2.
	VOC	Emission factors: 5.68e-3 #/MMBtu, 1.71e-1 #/h	P-130-0026	--
	CO	Emission factors: 3.47e-2 #/MMBtu, 1.04 #/h		--

### Section III: Applicable Requirements and Compliance Demonstration

Table III.B.: EU 4a (cont'd)				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
AOS-3	Annual Fuel Usage	≤ 700,000 gal	P-130-0026	B.1.
	Fuel sulfur content	#2 oil ≤ 0.3% sulfur by weight	CGS 16a-21a	B.3.
	#2 fuel oil usage	Use of #2 fuel oil is subject to prior stack testing to determine compliance with §22a-174-22 Control of NO <sub>x</sub> Emissions	§22a-174-22	--
	PM <sub>10</sub>	Emission factors: 1.40e-2 #/MMBtu, 4.20e-1 #/h	P-130-0026	--
	SO <sub>x</sub>	Emission factors: 3.00e-1 #/MMBtu, 9.00 #/h, 0.3% sulfur by weight (dry basis)		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 4.22 #/h	P-130-0026 §22a-174-22(e)	B.2.
	VOC	Emission factors: 1.80e-3 #/MMBtu, 5.40e-2 #/h	P-130-0026	--
	CO	Emission factors: 4.00e-2 #/MMBtu, 1.06 #/h		--
SOS-1 AOS-2 AOS-3	PM <sub>10</sub> Annual limits	≤ 1.16 TPY (for all fuels)	P-130-0026	B.1.
	SO <sub>x</sub> Annual limits	≤ 14.99 TPY (for all fuels)		
	NO <sub>x</sub> Annual limits	≤ 18.36 TPY (for all fuels)		
	VOC Annual limits	≤ 0.56 TPY (for all fuels)		
	CO Annual limits	≤ 4.59 TPY (for all fuels)		
	Max. rated capacity	≤ 30 MMBtu/h (total for 2 burners) Natural gas - ≤ 29,900 ft <sup>3</sup> /h Propane - ≤ 320 gph #2 oil - ≤ 211.1 gph		--

#### Emissions

B.1. Emissions of PM<sub>10</sub>, SO<sub>x</sub>, VOC and CO shall not exceed the limitations stated in Table III.B. The Permittee shall demonstrate compliance with such limitations based on the following requirements:

B.1.a. *Monitoring and Testing Requirements*

- i. Verify emissions using monthly fuel monitoring, heat content of fuel, emission factors and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

### **Section III: Applicable Requirements and Compliance Demonstration**

#### **B.1.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of monthly and annual fuel usage and emissions shall be kept. [RCSA §22a-174-33(o)(2)]

#### **B.1.c. *Reporting Requirements***

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of an emission limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.B.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

B.2. Emissions of NO<sub>x</sub> shall not exceed the limitations stated in Table III.B. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

#### **B.2.a. *Monitoring and Testing Requirements***

- i. Verify emissions using the most recent NO<sub>x</sub> RACT performance test data, monthly fuel monitoring, heat content of fuel and engineering calculations. [RCSA §22a-174-22 and RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. The Permittee shall conduct emissions tests at least once every five years. Such tests shall be conducted no later than five years from the date of the last test for the subject unit or no later than five years from the date the last test for the subject unit should have been conducted, whichever is earlier. Compliance with the emission limitations shall be determined based on the average of three (3) one-hour tests, each performed over a consecutive 60-minute period and performed in accordance with §22a-174-5 of the RCSA. [RCSA §22a-174-22(k)(1)]
- iii. Demonstrate compliance with emission limitations of this section using sampling and analytical procedures approved under 40 CFR Part 60, Appendix A, or under procedures in § 22a-174-5(d) of the RCSA. Sampling shall be conducted when the source is at normal operating temperature and, unless allowed otherwise by the commissioner in a permit or order, is operating at or above ninety percent (90%) of maximum rated capacity for a fuel-burning source or at or above ninety percent (90%) of design capacity for a waste combustor. Notwithstanding such requirement, any source which has operated in excess of one hundred percent (100%) of its maximum rated capacity at any time since January 1, 1990 shall be tested when the source is operating at or above ninety percent (90%) of its highest operating rate since January 1, 1990. [RCSA §22a-174-22(k)(2)]
- iv. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### **B.2.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of monthly and annual fuel usage shall be kept. [RCSA §22a-174-33(o)(2)]
- ii. Records of all tune-ups, repairs, replacement of parts and other maintenance. [RCSA §22a-174-

### Section III: Applicable Requirements and Compliance Demonstration

22(l)(1)(D)]

- iii. Copies of all documents submitted to the commissioner pursuant to this section. [RCSA §22a-174-22(l)(1)(E)]
- iv. Procedures for calculating NO<sub>x</sub> emission rates. [RCSA §22a-174-22(l)(1)(G)]
- v. Records of the dates and times of all emission testing required by this section, the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing. [RCSA §22a-174-22(l)(1)(H)]

#### B.2.c. *Reporting Requirements*

- i. Provide the records specified in Section III.B.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]
- ii. Within thirty (30) days of the completion of emission tests, submit a written report of the results of such testing to the commissioner. [RCSA §22a-174-22(l)(2)]
- iii. On or before April 15 of each year, submit a report on NO<sub>x</sub> emissions from the source on forms provided by the commissioner. [RCSA §22a-174-22(l)(6)]

B.3. The Permittee shall demonstrate compliance with the fuel sulfur limitations in Table III.B. based on the following requirements.

#### B.3.a. *Monitoring and Testing Requirements*

- i. Verify fuel sulfur content for each shipment. [RCSA §22a-174-19(a)(5)]
- ii. Fuel analysis for the sulfur content of liquid fuels shall be done according to the most current ASTM Methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

#### B.3.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification of the sulfur content for each fuel shipment. [RCSA §22a-174-19(a)(5)]

#### B.3.c. *Reporting Requirements*

- i. Provide the records specified in Section III.B.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### Section III: Applicable Requirements and Compliance Demonstration

#### C. EU 5a, TISSUE MACHINE #2 HOOD BURNERS

Table III.C.: EU 5a				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	Annual Fuel Usage	$\leq 350 \text{ MMft}^3$	P-130-0014	C.1.
	PM <sub>10</sub>	Emission factors: 5.00e-3 #/MMBtu, 2.00e-1 #/h		--
	SO <sub>x</sub>	Emission factors: 6.00e-4 #/MMBtu, 2.40e-2 #/h		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 5.60 #/h	P-130-0014 §22a-174-22(e)	C.2.
	VOC	Emission factors: 5.80e-3 #/MMBtu, 2.32e-1 #/h	P-130-0014	--
	CO	Emission factors: 3.50e-2 #/MMBtu, 1.40 #/h		--
AOS-2	Annual Fuel Usage	$\leq 3.85 \text{ MMgal}$	P-130-0014	C.1.
	PM <sub>10</sub>	Emission factors: 4.95e-3 #/MMBtu, 1.98e-1 #/h		--
	SO <sub>x</sub>	Emission factors: 9.44e-4 #/MMBtu, 3.78e-2 #/h		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 5.60 #/h	P-130-0014 §22a-174-22(e)	C.2.
	VOC	Emission factors: 5.68e-3 #/MMBtu, 2.27e-1 #/h	P-130-0014	--
	CO	Emission factors: 3.47e-2 #/MMBtu, 1.39 #/h		--
AOS-3	Annual Fuel Usage	$\leq 2.5 \text{ MMgal}$	P-130-0014	C.1.
	Fuel sulfur content	#2 oil $\leq 0.3\%$ sulfur by weight	CGS 16a-21a	C.3.
	#2 fuel oil usage	Use of #2 fuel oil is subject to prior stack testing to determine compliance with §22a-174-22 Control of NO <sub>x</sub> Emissions	§22a-174-22	--
	PM <sub>10</sub>	Emission factors: 1.40e-2 #/MMBtu, 5.60e-1 #/h	P-130-0014	--
	SO <sub>x</sub>	Emission factors: 3.00e-1 #/MMBtu, 12.00 #/h, 0.3% sulfur by weight (dry basis)		--
	NO <sub>x</sub>	Emission factors: 1.40e-1 #/MMBtu, 5.60 #/h	P-130-0014 §22a-174-22(e)	C.2.
	VOC	Emission factors: 1.80e-3 #/MMBtu, 7.20e-2 #/h	P-130-0014	--
	CO	Emission factors: 4.00e-2 #/MMBtu, 1.60 #/h		--

### Section III: Applicable Requirements and Compliance Demonstration

Table III.C.: EU 5a (cont'd)				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/Citations	Compliance Demonstration Condition Number
SOS-1 AOS-2 AOS-3	PM10 Annual limits	≤ 2.45 TPY (for all fuels)	P-130-0014	C.1.
	SO <sub>x</sub> Annual limits	≤ 52.56 TPY (for all fuels)		
	NO <sub>x</sub> Annual limits	≤ 24.53 TPY (for all fuels)		
	VOC Annual limits	≤ 1.02 TPY (for all fuels)		
	CO Annual limits	≤ 7.01 TPY (for all fuels)		
	Max. rated capacity	≤ 40 MMBtu/h Natural gas - ≤ 40,000 ft <sup>3</sup> /h Propane - ≤ 440 gph #2 oil - ≤ 286 gph		--

#### Emissions

C.1. Emissions of PM10, SO<sub>x</sub>, VOC and CO shall not exceed the limitations stated in Table III.C. The Permittee shall demonstrate compliance with such limitations based on the following requirements:

##### C.1.a. *Monitoring and Testing Requirements*

- i. Verify emissions using monthly fuel monitoring, heat content of fuel, emission factors and engineering calculations. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

##### C.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of monthly and annual fuel usage and emissions shall be kept. [RCSA §22a-174-33(o)(2)]

##### C.1.c. *Reporting Requirements*

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of an emission limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.C.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner

### Section III: Applicable Requirements and Compliance Demonstration

may require. [RCSA §22a-174-4(c)(1)]

- C.2. Emissions of NO<sub>x</sub> shall not exceed the limitations stated in Table III.C. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

C.2.a. *Monitoring and Testing Requirements*

- i. Verify emissions using the most recent NO<sub>x</sub> RACT performance test data, monthly fuel monitoring, heat content of fuel and engineering calculations. [RCSA §22a-174-22 and RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. The Permittee shall conduct emissions tests at least once every five years. Such tests shall be conducted no later than five years from the date of the last test for the subject unit or no later than five years from the date the last test for the subject unit should have been conducted, whichever is earlier. Compliance with the emission limitations shall be determined based on the average of three (3) one-hour tests, each performed over a consecutive 60-minute period and performed in accordance with §22a-174-5 of the RCSA. [RCSA §22a-174-22(k)(1)]
- iii. Demonstrate compliance with emission limitations of this section using sampling and analytical procedures approved under 40 CFR Part 60, Appendix A, or under procedures in § 22a-174-5(d) of the RCSA. Sampling shall be conducted when the source is at normal operating temperature and, unless allowed otherwise by the commissioner in a permit or order, is operating at or above ninety percent (90%) of maximum rated capacity for a fuel-burning source or at or above ninety percent (90%) of design capacity for a waste combustor. Notwithstanding such requirement, any source which has operated in excess of one hundred percent (100%) of its maximum rated capacity at any time since January 1, 1990 shall be tested when the source is operating at or above ninety percent (90%) of its highest operating rate since January 1, 1990. [RCSA §22a-174-22(k)(2)]
- iv. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

C.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of monthly and annual fuel usage shall be kept. [RCSA §22a-174-33(o)(2)]
- ii. Records of all tune-ups, repairs, replacement of parts and other maintenance. [RCSA §22a-174-22(l)(1)(D)]
- iii. Copies of all documents submitted to the commissioner pursuant to this section. [RCSA §22a-174-22(l)(1)(E)]
- iv. Procedures for calculating NO<sub>x</sub> emission rates. [RCSA §22a-174-22(l)(1)(G)]
- v. Records of the dates and times of all emission testing required by this section, the persons performing the measurements, the testing methods used, the operating conditions at the time of testing, and the results of such testing. [RCSA §22a-174-22(l)(1)(H)]

C.2.c. *Reporting Requirements*

- i. Provide the records specified in Section III.C.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]
- ii. Within thirty (30) days of the completion of emission tests, submit a written report of the results of such testing to the commissioner. [RCSA §22a-174-22(l)(2)]
- iii. On or before April 15 of each year, submit a report on NO<sub>x</sub> emissions from the source on forms provided by the commissioner. [RCSA §22a-174-22(l)(6)]

- C.3. The Permittee shall demonstrate compliance with the fuel sulfur limitations in Table III.C. based on the following requirements.



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#### C.3.a. *Monitoring and Testing Requirements*

- i. Verify fuel sulfur content for each shipment. [RCSA §22a-174-19(a)(5)]
- ii. Fuel analysis for the sulfur content of liquid fuels shall be done according to the most current ASTM Methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

#### C.3.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification of the sulfur content for each fuel shipment. [RCSA §22a-174-19(a)(5)]

#### C.3.c. *Reporting Requirements*

- i. Provide the records specified in Section III.C.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### D. GEU 2 (4b, 5b), TISSUE MACHINES #1 AND #2 TISSUE MANUFACTURING

Table III.D.: GEU 2				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	VOC	Combined maximum emissions of 37.6 tpy	O-8190	D.1.
SOS-1 AOS-2 AOS-3	Feed rate	15,000 #/h, EU 5b only	P-130-0014	D.2.
SOS-1	PM10	Emission rate based on equation in D.2.	RCSA §22a-174-18(e)(2)	D.3.

#### Emissions

D.1. The Permittee shall demonstrate compliance with the VOC limitation in Table III.D. based on the following requirements.

#### D.1.a. *Monitoring and Testing Requirements*

- i. VOC emissions shall be calculated based on the VOC content of the additives and the amount of said additive utilized by GEU 2. [O-8190]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### D.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created. [RCSA §22a-174-33(o)(2)]

- i. Calculation of VOC emissions shall be made on a monthly and annual basis. [O-8190]

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- ii. Purchase records of additives and documentation of additive VOC content shall be kept. [O-8190, RCSA §22a-174-33(o)(2)]

#### D.1.c. *Reporting Requirements*

- i. Submit an annual VOC emissions summary to the commissioner on or before March 1 of every calendar year. [O-8190]
- ii. The Permittee shall research and test low VOC content additives and shall submit a report of these efforts every two (2) years beginning from the date of issuance of O-8190. [O-8190]
- iii. Review recorded data monthly and report to the commissioner within two (2) working days any exceedences of an allowable limit. [Section VII.I.]
- iv. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- v. Provide the records specified in Section III.D.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### Parameters

- D.2. Parameters shall not exceed the limitations stated in Table III.D. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

#### D.2.a. *Monitoring and Testing Requirements*

- i. Verify feed rate using parametric monitors monthly. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### D.2.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of feed rate shall be made monthly. [RCSA §22a-174-33(o)(2)]

#### D.2.c. *Reporting Requirements*

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of an emission limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.D.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

- D.3. The PM10 emission limitations are based on process feed rate for the given emission unit and the following equation for feed rates <30 tons/h.

$$\text{PM10 (\#/h)} = 10^{[\log(3.59) + 0.62 \cdot \log(F)]}$$

where F = feed rate (tons/h)

### Section III: Applicable Requirements and Compliance Demonstration

The Permittee shall demonstrate compliance based on the following requirements.

D.3.a. *Monitoring and Testing Requirements*

- i. Verify PM10 emissions using filter pressure drop, process feed rate and manufacturer's data. [RCSA §22a-174-18(e)(2)]

D.3.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of filter pressure drop shall be made once daily. [RCSA §22a-174-33(o)(2)]

D.3.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an allowable limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.D.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

#### E. GEU 3 (6-12), DIAPER MACHINES

Table III.E.: GEU 3				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	PM10	Emission rate based on equation in E.1.	RCSA §22a-174-18(e)(2)	E.1.

#### Parameter

- E.1. The PM10 emission limitations are based on process feed rate for the given emission unit and the following equation for feed rates <30 tons/h.

$$\text{PM10 (\#/h)} = 10^{[\log(3.59) + 0.62 \cdot \log(F)]}$$

where F = feed rate (tons/h)

The Permittee shall demonstrate compliance based on the following requirements.

E.1.a. *Monitoring and Testing Requirements*

- i. Verify PM10 emissions using filter pressure drop, process feed rate and manufacturer's data. [RCSA §22a-174-18(e)(2)]

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#### E.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of filter pressure drop shall be made once daily. [RCSA §22a-174-33(o)(2)]

#### E.1.c. *Reporting Requirements*

- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an allowable limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.E.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### F. GEU 4 (13, 14, 18) MULTIFOLDERS AND POCKET PACK LINE

Table III.F.: GEU 4				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/Citations	Compliance Demonstration Condition Number
SOS-1	PM10	Emission rate based on equation in F.1.	RCSA §22a-174-18(e)(2)	F.1.

#### Parameter

- F.1. The PM10 emission limitations are based on process feed rate for the given emission unit and the following equation for feed rates <30 tons/h.

$$\text{PM10 (\#/h)} = 10^{[\log(3.59) + 0.62 \cdot \log(F)]}$$

where F = feed rate (tons/h)

The Permittee shall demonstrate compliance based on the following requirements.

#### F.1.a. *Monitoring and Testing Requirements*

- i. Verify PM10 emissions using filter pressure drop, process feed rate and manufacturer's data. [RCSA §22a-174-18(e)(2)]

#### F.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of filter pressure drop shall be made once daily. [RCSA §22a-174-33(o)(2)]

#### F.1.c. *Reporting Requirements*

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- i. Review recorded data daily and report to the commissioner within two (2) working days any exceedences of an allowable limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.F.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

#### G. EU 16, OFF-LINE PRINTER/WINDER

Table III.G.: EU 16				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions for Each Unit	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	PM10	≤ 3.1 tpy	P-130-0033	G.1.
	VOC	≤ 8.5 tpy		G.2.
	Treatment solution usage	179,210 gallons/yr		G.3.

#### Emissions

G.1. Emissions of PM10 shall not exceed the limitations stated in Table III.G. The Permittee shall demonstrate compliance with such limitations based on the following requirements:

##### G.1.a. *Monitoring and Testing Requirements*

- i. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

##### G.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created. [RCSA §22a-174-33(o)(2)]

- i. Calculations and documentation of PM10 emissions shall be made monthly.

##### G.1.c. *Reporting Requirements*

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of an emission limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.G.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

G.2. Emissions of VOC shall not exceed the limitations stated in Table III.G. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

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#### **G.2.a. *Monitoring and Testing Requirements***

- i. Annual emissions shall be verified by adding the current month's emissions to the previous eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### **G.2.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created . [G.2.b.i.-vi.: RCSA §22a-174-33(o)(2)]

Monthly records of all coatings and diluents used shall be maintained. Such records shall be kept for each individual emission unit. The records shall contain the following information. [G.2.b.i.-vi.: RCSA §22a-174-20(aa)(1)]

- i. Description of the coating including the coating name and the coating density in pounds per gallon.
- ii. Volatile organic compound content by weight.
- iii. Water and exempt volatile organic compound content by weight.
- iv. Non-volatile content by volume and by weight.
- v. Amount of each coating used in gallons.
- vi. Total amount of diluent used for each coating in pounds and in gallons.

#### **G.2.c. *Reporting Requirements***

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of an emission limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.G.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### **Parameters**

- G.3. Treatment solution usage shall not exceed the limitation stated in Table III.G. The Permittee shall demonstrate compliance with such limitations based on the following requirements.

#### **G.3.a. *Monitoring and Testing Requirements***

- i. Annual usage shall be verified by adding the current month's usage to the previous eleven months' usage. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### **G.3.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculations and documentation of treatment solution usage shall be made monthly. [RCSA §22a-174-33(o)(2)]

#### **G.3.c. *Reporting Requirements***

### Section III: Applicable Requirements and Compliance Demonstration

- i. On a monthly basis, review data recorded and calculated for that month and report to the commissioner within two (2) working days any exceedences of a permit limit. [Section VII.I.]
- ii. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- iii. Provide the records specified in Section III.G.3.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

#### H. EU 35, PARTS WASHERS

Table III.H.: EU 35				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	VOC	None	RCSA §22a-174-20(1)(3)	H.1

H.1. The Permittee shall demonstrate compliance for this unit based on the following requirements:

H.1.a. *Monitoring and Testing Requirements*

VOC emission calculations shall be done once every six months using Material Safety Data Sheets for the solvent used in the cold cleaning unit.

H.1.b. *Work Practice Standards* - [RCSA §22a-174-20(1)(3)]:

- i. Equip the unit with a cover designed to enable easy operation using one hand.
- ii. Equip the cleaning unit with a device for draining cleaned parts constructed internally so that parts are enclosed under the cover while draining. The drainage device may be external for applications where an internal type cannot fit into the cleaning system.
- iii. Store waste degreasing solvent only in covered containers and not dispose of waste degreasing solvent or transfer it to another party in a manner such that greater than 20 percent of the waste degreasing solvent (by weight) can evaporate into the atmosphere.
- iv. Close the cover of the unit whenever parts are not being handled in the cleaner for two (2) minutes or more and when the unit is not in use.
- v. Drain the cleaned parts for at least 15 seconds or until dripping ceases, whichever is longer.
- vi. If used, supply a degreasing solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray) at a pressure which does not exceed ten (10) psi measured at the pump outlet and perform such spraying within the confines of the cold cleaning unit.
- vii. Install one of the following control devices if the solvent vapor pressure is greater than 4.3 kPa (33 mm Hg or 0.6 psi) measured at 38 °C (100 °F) or if the solvent is heated above 50 °C (120 °F):
  - a. Freeboard that gives a freeboard ratio greater than or equal to 0.7; or
  - b. Water cover (solvent must be insoluble in and heavier than water); or
  - c. Other systems of equivalent control, equal to that of a “refrigerated chiller” or carbon adsorption approved by the commissioner by permit or order.
- viii. Minimize the drafts across the top of the cold cleaning unit such that whenever the cover is open the unit is not exposed to drafts greater than 40 meters per minute, as measured between 1 and 2 meters upwind, and at the same elevation as the tank lip.
- ix. Do not operate the unit upon the occurrence of any visible solvent leak until such leak is repaired.

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- x. Provide a permanent, conspicuous label on or posted near the unit clearly summarizing the applicable operating requirements.

#### H.1.c. *Record Keeping Requirements*

In accordance with Section VIH.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Maintain a monthly record of the amount, type and name of solvent used in the unit. [RCSA §22a-174-20(l)(3)(K)]
- ii. Name and address of any person and his or her company to whom waste degreasing solvent is transferred, and the amount of waste degreasing solvent transferred.
- iii. Records showing compliance with H.1.b.viii.

#### H.1.d. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.H.1.c. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### I. EU 38, FIRE PUMP

Table III.I: EU 38				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	Operating Hours	≤ 500 hours in any 12 month rolling aggregate	§22a-174-3b(e)(2)(A)	I.1.
SOS-1	Fuel Sulfur Content	≤ 0.3% by weight for non-gaseous fuel used	§22a-174-3b(e)(2)(B)	I.2.
SOS-1	Operational Conditions	The Permittee shall properly maintain the subject engine.  The Permittee shall not operate the subject engine except during periods of testing, scheduled maintenance or emergency.	§22a-174-3b(e)(1)  §22a-174-3b(e)(2)	--

- I.1. The Permittee shall demonstrate compliance with the limitation on operating hours stated in Table III.I based on the following requirements.

#### I.1.a. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Calculate monthly and annual operating hours of the subject engine. [RCSA §22a-174-3b(e)(3)]
- ii. Annual operating hours shall be verified by adding the current month's operating hours to



### Section III: Applicable Requirements and Compliance Demonstration

the previous eleven months' operating hours. [RCSA §22a-174-3b(e)(4)]

#### I.1.b. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.I.1.a. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

- I.2. The Permittee shall demonstrate compliance with the non-gaseous fuel sulfur content limitations stated in Table III.I based on the following requirements.

#### I.2.a. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

Any of the following records are sufficient to demonstrate compliance with the non-gaseous fuel sulfur content limitations stated in Table III.I. [§22a-174-3b(h)]:

- i. A fuel certification for a delivery of non-gaseous fuel from a bulk petroleum provider; or
- ii. A sales receipt for the sale of motor vehicle diesel fuel from a retail location; or
- iii. A copy of the current contract with the fuel supplier supplying the fuel used by the equipment that includes the applicable sulfur content non-gaseous fuel as a condition of shipment.

#### I.2.b. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.F.
- ii. Provide the records specified in Section III.I.2.a. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### J. GEU 5 (EU 36, 37), RAW WATER AND EFFLUENT WATER TREATMENT PLANTS

Table III.J.: GEU 5				
Operating Scenarios Identification	Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
SOS-1	VOC	Combined maximum emissions of 11.6 tpy	O-8190	J.1.

#### Emissions

- J.1. The Permittee shall demonstrate compliance with the VOC limitation in Table III.J. based on the following requirements.

#### J.1.a. *Monitoring and Testing Requirements*

- i. VOC emissions shall be calculated based on the VOC content of the flocculation agent and the amount of said agent utilized in GEU 5. [O-8190]
- ii. Annual emissions shall be verified by adding the current month's emissions to the previous

### Section III: Applicable Requirements and Compliance Demonstration

eleven months' emissions. [RCSA §22a-174-33(j)(1)(K)(ii)]

#### J.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created. [RCSA §22a-174-33(o)(2)]

- i. Calculation of VOC emissions shall be made on a monthly and annual basis. [O-8190]
- ii. Purchase records of flocculation agent and documentation of flocculation agent VOC content shall be kept. [O-8190, RCSA §22a-174-33(o)(2)]

#### J.1.c. *Reporting Requirements*

- i. Submit an annual VOC emissions summary to the commissioner on or before March 1 of every calendar year. [O-8190]
- ii. The Permittee shall research and test low VOC content additives and shall submit a report of these efforts every two (2) years beginning from the date of issuance of O-8190. [O-8190]
- iii. Review recorded data monthly and report to the commissioner within two (2) working days any exceedences of an allowable limit. [Section VII.I.]
- iv. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- v. Provide the records specified in Section III.J.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### K. PREMISES-WIDE GENERAL REQUIREMENTS

Table III.K.: PREMISES-WIDE GENERAL REQUIREMENTS			
Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
Opacity	Less than or equal to 20% (average of 24 consecutive observations (set) recorded at 15 second intervals, minimum of 3 sets in a 60 minute period)	RCSA §22a-174-18(a)(1)(i)	K.1
	Less than or equal to 40% (no longer than 5 minutes (aggregated) in any 60 minute period)	RCSA §22a-174-18(a)(1)(ii)	
SO <sub>x</sub>	Less than or equal to 1% sulfur by weight (dry basis) in fuel	RCSA §22a-174-19(a)(2)(i)	K.2
	Less than or equal to 0.3% sulfur by weight (dry basis) in distillate fuel	CGS RCSA §16a-21a	
Air Pollution Emergency Episode	The Permittee shall comply with RCSA §22a-174-6(c) in case of an emergency episode.	RCSA §22a-174-6	

### Section III: Applicable Requirements and Compliance Demonstration

Table III.K.: PREMISES-WIDE GENERAL REQUIREMENTS (cont'd.)			
Pollutants or Process Parameters	Limitations or Restrictions	Applicable Regulatory References/ Citations	Compliance Demonstration Condition Number
Prohibition against Concealment/Circumvention	The Permittee shall comply with the prohibition against concealment or circumvention as specified in RCSA §22a-174-11.	RCSA §22a-174-11	
Emission Fees	The Permittee shall pay an emission fee in accordance with RCSA §22a-174-26(d).	RCSA §22a-174-26(d)	
Open Burning	The Permittee is prohibited from conducting open burning, except as may be allowed by CGS RCSA §22a-174(f).	CGS RCSA §22a-174(f)	
Severability	Severability shall apply as specified in RCSA §22a-174-15	RCSA §22a-174-15	

K.1. The Permittee shall demonstrate compliance with the opacity limitations set forth in Table III.K. based on the following requirements:

K.1.a. *Monitoring and Testing Requirements*

Upon written request of the commissioner, the Permittee shall verify opacity using Title 40 Code of Federal Regulations Part 60, Method 9.

K.1.b. *Record Keeping Requirements*

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of the dates, times, and places of all visible emission observations, persons performing the observations, test methods used, the operating conditions at the time of observation, and the results of such observation. [RCSA §22a-174-4(c)(1)]

K.1.c. *Reporting Requirements*

- i. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- ii. Provide the records specified in Section III.K.1.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

K.2. The Permittee shall demonstrate compliance with the SO<sub>x</sub> limitations set forth in Table III.K. based on the following requirements for emission units other than EU 1, 2 and 3:

K.2.a. *Monitoring and Testing Requirements*

- i. Verify emissions using fuel analyses on each fuel shipment. [RCSA §22a-174-19(a)(5)]
- ii. Analysis for the sulfur content of liquid fuels shall be done according to the most current American Society for Testing and Materials methods D 129 or D 1552. [RCSA §22a-174-5(b)(1)]

### **Section III: Applicable Requirements and Compliance Demonstration**

#### **K.2.b. *Record Keeping Requirements***

In accordance with Section VII.F. of this permit, make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Fuel merchant certification from the fuel supplier certifying the type of fuel in the shipment and the weight percent of sulfur in the fuel for each fuel shipment. [RCSA §22a-174-19(a)(5)]
- ii. Shipping receipt from the fuel supplier. The shipping receipt and/or certification shall include the name of the oil supplier, the sulfur content of the oil and the method used to determine the sulfur content of the oil. [RCSA §22a-174-19(a)(5)]

#### **K.2.c. *Reporting Requirements***

- i. Provide written monitoring reports to the commissioner by the 30<sup>th</sup> day following the end of each semi-annual period in accordance with Section VII.E.
- ii. Provide the records specified in Section III.K.2.b. to the commissioner within thirty days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(c)(1)]

### **L. 112(r) ACCIDENTAL RELEASE REQUIREMENTS**

Should this stationary source, as defined in 40 CFR section 68.3, become subject to the accidental release prevention regulations in 40 CFR Part 68, the Permittee shall submit a risk management plan (RMP) to the Administrator by the date specified in section 68.10.

### **M. ASBESTOS REQUIREMENTS**

Should this stationary source, as defined in 40 CFR section 61.145, become subject to the national emission standard for asbestos regulations in subpart M of 40 CFR Part 61 when conducting any renovation or demolition at this premises, then the owner or operator shall submit proper notification as described in 40 CFR section 61.145(b) and shall comply with all other applicable requirements of including but not limited to subpart M.

## Section IV: Compliance Schedule

Table IV: COMPLIANCE SCHEDULE				
Emission Unit	Applicable Regulations	Steps required for achieving compliance (Milestones)	Date by which each step is to be completed	Dates for monitoring, record keeping, and reporting
EU 1-3	§22a-174-22	NO <sub>x</sub> RACT compliance testing for #6 fuel oil must be performed prior to the use of #6 fuel oil. [§22a-174-22(k)]	Prior to use	N/A
EU 4a,5a	§22a-174-22	NO <sub>x</sub> RACT compliance testing for #2 fuel oil must be performed prior to the use of #2 fuel oil. [§22a-174-22(k)]	Prior to use	N/A
EU 38	§22a-174-22	§22a-174-22(d) through (k) shall apply to the engine if, after May 1, 1997, such engine operates for routine, scheduled testing or maintenance on any day for which the commissioner has forecast that ozone levels will be “moderate to unhealthful”, “unhealthful” or “very unhealthful”.	After such use	N/A

## **Section V: State Enforceable Terms And Conditions**

Only the Commissioner of the Department of Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

- A.** This permit does not relieve the permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Environmental Protection or any federal, local or other state agency. Nothing in this permit shall relieve the permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this permit shall affect the Commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the permittee by the Commissioner.
- C.** Odors: The permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor beyond the property boundary of the premises as set forth in RCSA Section 22a-174-23.
- D.** Noise: The permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA Section 22a-69-1 through 22a-69-7.4, inclusive.
- E.** Hazardous Air Pollutants (HAPs): The permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA Section 22a-174-29.
- F.** Open Burning: The permittee is prohibited from conducting open burning, except as may be allowed by CGS Section 22a-174(f).
- G.** Fuel Sulfur Content: The permittee shall not use #2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS Section 16a-21a.

## Section VI: Permit Shield

### NO PERMIT SHIELDS HAVE BEEN GRANTED

In accordance with Section 22a-174-33(k) of the RCSA, a Permittee complying with the conditions of this permit shall be deemed in compliance with any applicable requirements identified in Table VI as of the date of issuance of this permit. Also, in accordance with Section 22a-174-33(k) of the RCSA, a Permittee complying with the conditions of this permit shall be deemed exempt from any non-applicable requirements identified below as of the date of issuance.

This permit shall not alter or affect the following:

- A. The provisions of section 303 of the Clean Air Act, including the authority of the Administrator under the Act;
- B. The liability of an owner or operator of a Title V source for any violation of applicable requirements prior to or at the effective date of a Title V permit;
- C. The applicable requirements of the acid rain program under 40 CFR Part 72; and
- D. The ability of the Administrator or commissioner to obtain information from the owner or operator of a Title V source.

Table VI: PERMIT SHIELD				
Regulated Pollutants	Emissions Units	Applicable Requirement or Non-Applicable Requirement Descriptions	Applicable Regulatory References/ Citations	*Permit Shield Indicate
N/A				

\*For "Permit Shield Indicate", use AR to indicate Applicable Requirement and NR for Non- Applicable Requirement

## **Section VII: Title V Requirements**

The Administrator of the United States Environmental Protection Agency and the Commissioner of Environmental Protection have the authority to enforce the terms and conditions contained in these sections.

### **A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR**

The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means calendar day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to: Office of the Assistant Director; Compliance & Field Operations Division; Bureau of Air Management; Department of Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the U. S. Environmental Protection Agency shall be in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; US EPA, Region 1; One Congress Street; Suite 1100 (SEA); Boston, MA 02114-2023.

### **B. CERTIFICATIONS [RCSA § 22a-174-33(b)]**

In accordance with Section 22a-174-33(b) of the RCSA, any report or other document required by this Title V permit and any other information submitted to the Commissioner or Administrator shall be signed by an individual described in Section 22a-174-2a(a) of the RCSA, or by a duly authorized representative of such individual. Any individual signing any document pursuant to Section 22a-174-33(b) of the RCSA shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in Section 22a-174-2a(a)(5) of the RCSA:

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.”

### **C. SIGNATORY RESPONSIBILITY [RCSA § 22a-174-2a(a)]**

If an authorization pursuant to Section 22a-174-2a(a) of the RCSA is no longer effective because a different individual or position has assumed the applicable responsibility, a new authorization satisfying the requirements of Section 22a-174-2a(a)(2) of the RCSA shall be submitted to the Commissioner prior to or together with the submission of any applications, reports, forms, compliance certifications, documents or other information which is signed by an individual or a duly authorized representative of such individual pursuant to Section 22a-174-2a(a)(2) of the RCSA.



## **Section VII: Title V Requirements**

### **D. ADDITIONAL INFORMATION [RCSA § 22a-174-33(j)(1)(X)]**

The permittee shall submit additional information in writing, at the Commissioner's request, within thirty (30) days of receipt of notice from the Commissioner or by such other date specified by the Commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending the permit or to determine compliance with the permit.

In addition, within fifteen days of the date the permittee becomes aware of a change in any information submitted to the Commissioner under this permit or of any change in any information contained in the application, or that any such information was inaccurate or misleading or that any relevant information was omitted, the permittee shall submit the changed, corrected, or omitted information to the Commissioner.

### **E. MONITORING REPORTS [RCSA § 22a-174-33(o)(1)]**

A permittee, required to perform monitoring pursuant this permit, shall submit to the Commissioner, on forms prescribed by the Commissioner, written monitoring reports on January 30 and July 30 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

### **F. PREMISES RECORDS [RCSA § 22a-174-33(o)(2)]**

Unless otherwise required by this permit, the permittee shall make and keep records of all required monitoring data and supporting information for at least five (5) years from the date such data and information were obtained. The permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the Commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;
3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and

## **Section VII: Title V Requirements**

9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

### **G. PROGRESS REPORTS [RCSA § 22a-174-33(q)(1)]**

The permittee shall, on January 30 and July 30 of each year, or on a more frequent schedule if specified in this permit, submit to the Commissioner a progress report on forms prescribed by the Commissioner, and certified in accordance with Section 22a-174-2a(a)(5) of the RCSA. Such report shall describe the permittee's progress in achieving compliance under the compliance plan schedule contained in this permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in the permit which the permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this permit which the permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the permittee expects to meet them.

Any progress report prepared and submitted pursuant to Section 22a-174-33(q)(1) of the RCSA shall be simultaneously submitted by the permittee to the Administrator.

### **H. COMPLIANCE CERTIFICATIONS [RCSA § 22a-174-33(q)(2)]**

The permittee shall, on January 30 of each year, or on a more frequent schedule if specified in this permit, submit to the Commissioner, a written compliance certification certified in accordance with Section 22a-174-2a(a)(5) of the RCSA and which includes the information identified in Title 40 CFR 70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to Section 22a-174-33(q)(2) of the RCSA shall be simultaneously submitted by the permittee to the Administrator.

### **I. PERMIT DEVIATION NOTIFICATIONS [RCSA § 22a-174-33(p)]**

Notwithstanding Subsection D of Section VII of this permit, the permittee shall notify the Commissioner in writing, on forms prescribed by the Commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than twenty-four (24) hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten (10) days after such deviation commenced.

### **J. PERMIT RENEWAL [RCSA § 22a-174-33(j)(1)(B)]**

All of the terms and conditions of this permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with Sections 22a-174-33(g), -33(h), and -33(i) of the RCSA.

## **Section VII: Title V Requirements**

### **K. OPERATE IN COMPLIANCE [RCSA § 22a-174-33(j)(1)(C)]**

The permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

### **L. COMPLIANCE WITH PERMIT [RCSA § 22a-174-33(j)(1)(G)]**

This permit shall not be deemed to:

1. preclude the creation or use of emission reduction credits or the trading of such credits in accordance with Sections 22a-174-33(j)(1)(I) and 22a-174-33(j)(1)(P) of the RCSA, provided that the Commissioner's prior written approval of the creation, use, or trading is obtained;
2. authorize emissions of an air pollutant so as to exceed levels prohibited under 40 CFR Part 72;
3. authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. impose limits on emissions from items or activities specified in Sections 22a-174-33(g)(3)(A) and (B) of the RCSA unless imposition of such limits is required by an applicable requirement.

### **M. INSPECTION TO DETERMINE COMPLIANCE [RCSA § 22a-174-33(j)(1)(M)]**

The Commissioner may, for the purpose of determining compliance with the permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under the permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

### **N. PERMIT AVAILABILITY**

The permittee shall have available at the facility at all times a copy of this Title V Operating Permit.

### **O. SEVERABILITY CLAUSE [RCSA § 22a-174-33(j)(1)(R)]**

The provisions of this permit are severable. If any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the remainder of this permit and the application of such provision to other circumstances shall not be affected.

### **P. NEED TO HALT OR REDUCE ACTIVITY [RCSA § 22a-174-33(j)(1)(T)]**

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

## **Section VII: Title V Requirements**

### **Q. PERMIT REQUIREMENTS [RCSA § 22a-174-33(j)(1)(V)]**

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the permittee's obligation to comply with this permit.

### **R. PROPERTY RIGHTS [RCSA § 22a-174-33(j)(1)(W)]**

This permit does not convey any property rights or any exclusive privileges. This permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including Section 4-181a(b) of the Connecticut General Statutes and Section 22a-3a-5(b) of the RCSA. This permit shall neither create nor affect any rights of persons who are not parties to this permit.

### **S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA § 22a-174-33(o)(3)]**

The permittee shall, contemporaneously with making a change authorized by this permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

### **T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA § 22a-174-33(r)(2)]**

The permittee may engage in any action allowed by the Administrator in accordance with 40 CFR 70.4(b)(12)(i) to (iii)(B) inclusive, and 40 CFR 70.4(b)(14)(i) to (iv), inclusive without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. constitute a modification under 40 CFR 60, 61 or 63,
2. exceed emissions allowable under the subject permit,
3. constitute an action which would subject the permittee to any standard or other requirement pursuant to 40 CFR 72 to 78, inclusive, or
4. constitute a non-minor permit modification pursuant to Section 22a-174-2a(d)(4) of the RCSA.

At least seven (7) days before initiating an action specified in Section 22a-174-33(r)(2)(A) of the RCSA, the permittee shall notify the Administrator and the Commissioner in writing of such intended action.

### **U. INFORMATION FOR NOTIFICATION [RCSA § 22a-174-33(r)(2)(A)]**

Written notification required under Section 22a-174-33(r)(2)(A) of the RCSA shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The permittee shall thereafter maintain a copy of such notice with the Title V permit. The Commissioner and the permittee shall each attach a copy of such notice to their copy of the permit.

## **Section VII: Title V Requirements**

### **V. TRANSFERS [RCSA § 22a-174-2a(g)]**

No person other than the permittee shall act or refrain from acting under the authority of this permit unless this permit has been transferred to another person in accordance with Section 22a-174-2a(g) of the RCSA.

The proposed transferor and transferee of a permit shall submit to the Commissioner a request for a permit transfer on a form provided by the Commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The Commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS Section 22a-6m.

### **W. REVOCATION [RCSA § 22a-174-2a(h)]**

The Commissioner may revoke this permit on his own initiative or on the request of the permittee or any other person, in accordance with Section 4-182c of the Connecticut General Statutes, Section 22a-3a-5(d) of the RCSA, and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The permittee requesting revocation of this permit shall state the requested date of revocation and provide the Commissioner with satisfactory evidence that the emissions authorized by this permit have been permanently eliminated.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this permit if the Administrator has determined that the Commissioner failed to act in a timely manner on a permit renewal application.

This permit may be modified, revoked, reopened, reissued, or suspended by the Commissioner, or the Administrator in accordance with Section 22a-174-33(r) of the RCSA, Connecticut General Statutes Section 22a-174c, or Section 22a-3a-5(d) of the RCSA.

### **X. REOPENING FOR CAUSE [RCSA § 22a-174-33(s)]**

This permit may be reopened by the Commissioner, or the Administrator in accordance with Section 22a-174-33(s) of the RCSA.

### **Y. CREDIBLE EVIDENCE**

Notwithstanding any other provision of this permit, for the purpose of determining compliance or establishing whether a permittee has violated or is in violation of any permit condition, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information.